

**2017-2020 TRANSPORTATION IMPROVEMENT PROGRAM  
FOR SOUTHWESTERN PENNSYLVANIA**

**APPENDIX 8**

**OTHER DISCRETIONARY PROGRAMS/PRIVATE  
FUNDING:**

- **Pennsylvania Turnpike Commission Projects**
  - **Turnpike Mainline Capital Maintenance Program**
  - **Toll Road Expansion Program**
    - **Southern Beltway: US-22 to I-79**
  
- **Other Discretionary/Private Funding**
  - **I-579 Cap Project**
  - **I-376/SR-18 Interchange Reconfiguration and SR-18 Relocation**
  - **Route 228 Widening**



## **Appendix 8. Other Discretionary Programs and Private Funding**

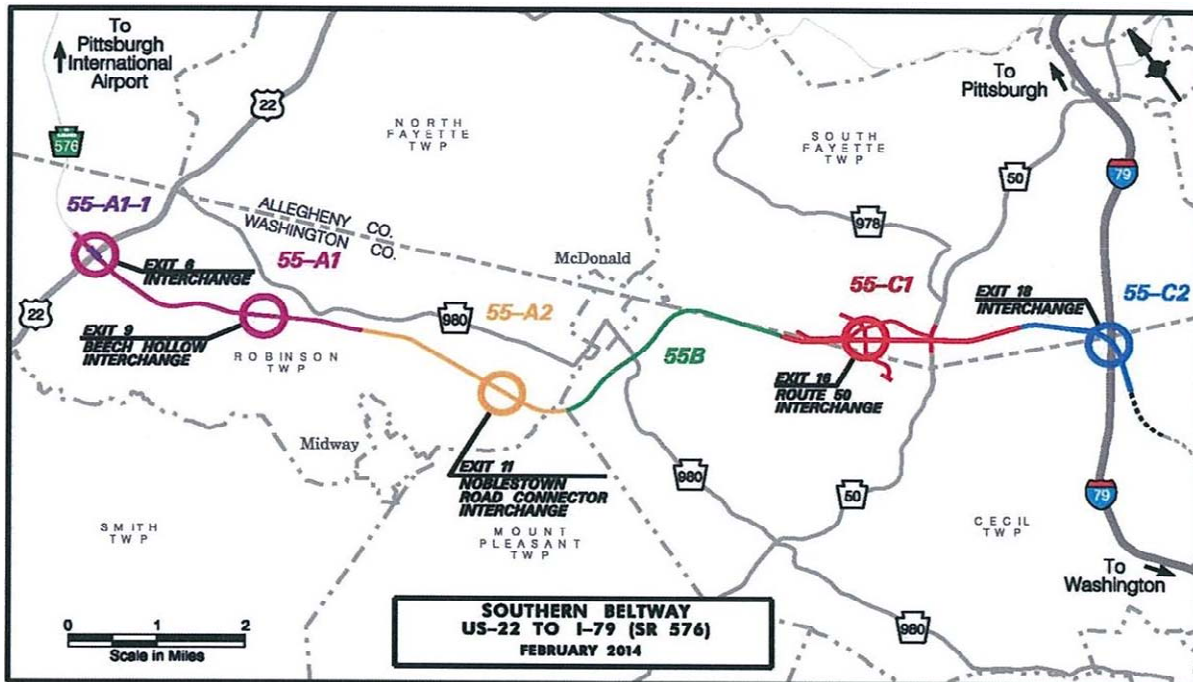
Several miscellaneous funding sources are included in the SPC TIP as “Other Discretionary Programs:”

- Pennsylvania Turnpike Commission Projects
  - Turnpike Mainline Capital Maintenance Program (see project index)
  - Toll Road Expansion Program
    - Southern Beltway: US-22 to I-79
  
- Other Discretionary/Private Funding
  - I-579 Cap Project (Element 5 of Lower Hill Redevelopment Project)
  - I-376/SR-18 Interchange Reconfiguration and SR-18 Relocation
  - Route 228 Widening



| PA. Turnpike Commission Projects - SPC Region |             |           |   |                            |                       |                     |                        |
|---|-------------|-----------|---|----------------------------|-----------------------|---------------------|------------------------|
| County  | State Route | Milepost# | Project Title   | Phase during<br>TIP period | Project start<br>year | Project end<br>year | \$ Total Cost          |
| Lawrence                                      | 76          | 0.0-2.3   | Overlay/Resurfacing (Ohio State Line to SR 551 Little Beaver Twp.)  | E                          | 2019                  | 2021                | \$3,000,000            |
| Beaver  | 76          | 12.5-13.5 | Replacement of Beaver River Bridge<br>-This project includes reconstruction of 4 other bridges and approach roadways. | E,C                        | 2017                  | 2020                | \$150,000,000          |
| Beaver  | 76          | 19-25     | Overlay/Resurfacing (I-376 Beaver Valley Exp. to Butler Co. line)   | E,C                        | 2017                  | 2019                | \$5,500,000            |
| Beaver  | 76          | 20.47     | Mainline Bridge Replacement over Brush Creek  | E,C                        | 2017                  | 2018                | \$6,000,000            |
| Allegheny                                     | 76          | 28-31     | Cranberry Int. to Pine Twp.<br>- Total Reconstruction - Widening to 6 lanes.  | E,C                        | 2017                  | 2020                | \$80,000,000           |
| Allegheny                                     | 76          | 38-40     | Overlay/Resurfacing (Mainline @ Rt.8 Interchange)   | E,C                        | 2019                  | 2020                | \$2,000,000            |
| Allegheny                                     | 76          | 40-48     | Rt.8 Int. to Allegheny Valley Int.<br>- Total Reconstruction - Widening to 6 lanes.                                   | E,C                        | 2017                  | 2020                | \$210,000,000          |
| Allegheny                                     | 76          | 49-56     | Allegheny Valley Int. to Pittsburgh Int.<br>- Total Reconstruction - Widening to 6 lanes.                             | E                          | 2019                  | 2027                | \$265,000,000          |
| Allegheny                                     | 76          | 56.44     | Pittsburgh Interchange Ramp Resurfacing   | E,C                        | 2016                  | 2017                | \$2,500,000            |
| Allegheny & Westmoreland                      | 76          | 57-66     | Pittsburgh Int. to Irwin Int.<br>- Total Reconstruction - Widening to 6 lanes.  | E                          | 2020                  | 2034                | \$274,000,000          |
| Westmoreland                                  | 76          | 67        | Irwin Interchange Ramp Overlay/Resurfacing  | E,C                        | 2015                  | 2016                | \$1,000,000            |
| Westmoreland                                  | 76          | 85-94     | Overlay/Resurfacing (SR 982 to Somerset Co.   | E,C                        | 2017                  | 2018                | \$10,000,000           |
| Westmoreland                                  | 76          | 99-109    | Total Reconstruction - Widening to 6 lanes<br>- Note that only 1 mile of this project is in SPC                       | E,C                        | 2018                  | 2022                | \$160,000,000          |
| Washington                                    | 576         |           | Southern Beltway (SR 22 to I-79) - Construct new 4-lane highway   | E,C                        | 2014                  | 2022                | \$770,000,000          |
| <b>Turnpike Projects Total</b>                |             |           |   |                            |                       |                     | <b>\$1,939,000,000</b> |

## Southern Beltway Project - US-22 to I-79



|                          |  |                            |   |
|--------------------------|--|----------------------------|---|
| <b>County:</b>           | Allegheny & Washington                 | <b>Municipality:</b>       | South Fayette, Robinson, Cecil, Mt Pleasant |
| <b>Project ID:</b>       |  | <b>Route Number:</b>       | PA-576 (toll)                               |
| <b>Improvement Type:</b> | Toll-Road Expansion Project            | <b>Air Quality Status:</b> | New Capacity                                |
| <b>Project Sponsor:</b>  | Pennsylvania Turnpike Commission (PTC) |                            |   |

**Project Schedule:** Completion of early action bridges over US Route 22 is anticipated in 2016. Subsequent construction sections will be identified as final design packages are completed and will be constructed through FY2020.

**Narrative:** Construction of a new four-lane, limited access, tolled expressway from US-22 to I-79, generally following the Allegheny County/Washington County line. The project includes 5 interchanges: at Beech Hollow Road, Noblestown Road connector, and Route 60, as well as the interchanges with US-22 and I-79.

Funding for TIP Program Years

Project construction began in 2014 with the early action bridges over US-22. Funding required during the four year TIP period (2015-2018) is \$673.5 million. The estimated total project cost through 2022 is \$770 million (Present Value 2016). The project is funded on a cash basis using Oil Franchise Tax revenues from PA Act 89 of 2013 that are dedicated to Pennsylvania’s Toll Road Expansion Program established in PA Act 26 of 1991.

Estimated Total Project Cost: \$770 million

## I-579 Cap (Lower Hill Urban Redevelopment Element 5)



**County:** Allegheny                      **Municipality:** City of Pittsburgh  
**Project ID:** 97846                      **Route Number:** (above) I-579  
**Improvement** New Structure over I-579      **Air Quality Status:** Exempt  
**Type:** Used for Urban Open Space      **Exempt Status:** Public Open Space  
**Project Sponsor:** Sports and Exhibition Authority of Pittsburgh and Allegheny County (SEA)

**Project Schedule:** The final design phase is currently underway with construction anticipated to begin in 2017.

**Narrative:** Construction of a new structure spanning I-579 would create an acre of new urban green/open space. Adds new pedestrian and bicycle-friendly connections and park area between the Lower Hill District and Downtown Pittsburgh. Bounded on the east by Washington Place, Centre Avenue to the south, Chatham Square to the west and Bedford Avenue to the north. The project is element 5 of the SEA Lower Hill Urban Infrastructure Redevelopment Project.

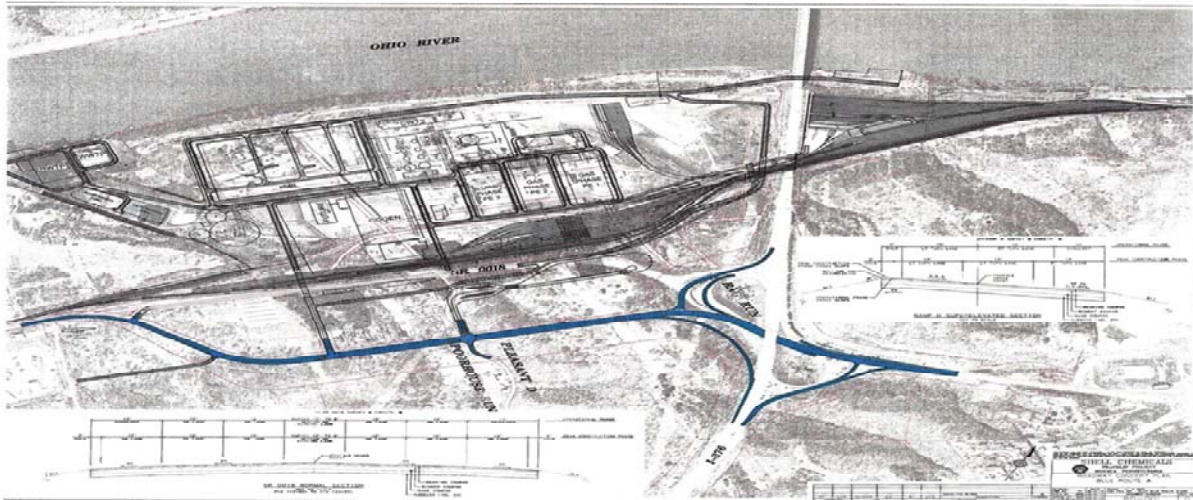
Funding for TIP Program Years

The Final Design (FD) Phase is expected to be complete in May of 2017; the FD phase total is \$ 1,939,540; \$1,551,632 federal and \$387,908 local match.

The Construction Phase is funded, at this time, with local funding in the amount of \$11.25 million. SEA is planning on applying for US DOT TIGER VIII funds to funding the remaining balance of \$28 million. In the event SEA receives less funding than requested from any of these sources, it will have the ability to apply for a Pennsylvania Infrastructure Bank (PIB) loan to make up the difference.

Estimated Total Cost \$39,250,000

## I-376/SR 18 Interchange Reconfiguration and SR-18 Relocation



|   |  |
|---|--|
| <b>County:</b> Beaver                       | <b>Municipality:</b> Center and Potter Townships   |
| <b>Project ID:</b> 101828                   | <b>Route Number:</b> 376 and 18  |
| <b>Improvement Type:</b> Roadway Relocation | <b>Air Quality Status:</b> Exempt  |
| <b>Type:</b> Interchange Improvement        | <b>Exempt Status:</b> Relocation, Traffic Signals,<br>Widen Narrow Pavement (no add'l lanes) |

**Project Schedule:** Anticipated funding expenditure in federal fiscal 2017.

**Narrative:** Projects are associated with the commissioning of a major petrochemical facility in Beaver County, PA. Reconfigure the ramps for the I-376 / Route 18 Interchange, add and coordinate traffic signals, and relocate and widen narrow pavements on Route 18. Supports site expansion and improved site access. Adjust the ramp and Rt. 18 lane striping after the construction period to meet post-construction traffic needs.

Funding for TIP Program Years

|        |              |                    |
|--------|--------------|--------------------|
| FY2017 | \$60,000,000 | Construction Phase |
|--------|--------------|--------------------|

The corporate owner of the petrochemical site is committed to funding 100% of all phases of this roadway improvement through private sources.\* No public monies will be utilized. The current cost estimate is a general range - \$60-\$90 million. An updated cost estimate will be provided after completion of the final project design.

Estimated Total Cost: \$60-\$90 million



## PA 228/UMPC Enhancements



|                          |                                      |                            |                    |
|--------------------------|--------------------------------------|----------------------------|--------------------|
| <b>County:</b>           | Butler                               | <b>Municipality:</b>       | Cranberry Township |
| <b>Project ID:</b>       | 104231                               | <b>Route Number:</b>       | 228                |
| <b>Improvement Type:</b> | Congestion Relief<br>Additional Lane | <b>Air Quality Status:</b> | Significant        |

**Project Schedule:** Anticipated funding expenditure in federal fiscal 2019.

**Narrative:** Addition of a new mile-long eastbound lane along PA 228 from the I-79 northbound off ramp up to Franklin Road in Cranberry Township. This project complements a private development project that involves an underpass which will carry traffic exiting I-79 as well as from Cranberry Woods directly across to the north side of PA 228, to the new Lemieux UPMC-Penguins training facility and other developments.

|        |             |                    |
|--------|-------------|--------------------|
| FY2019 | \$5,000,000 | Construction Phase |
|--------|-------------|--------------------|

Funding for TIP Program Years

Cranberry Township is the project sponsor for this congestion relief project. The municipality is securing construction funding for this project in FFY 2019. Design work was completed on the 2015 TIP. Design funds in the amount of \$1M were awarded from The Governor's Transportation Infrastructure and Investment program.

Estimated Total Cost: \$5 million